GENERAL NOTES RECYCLED WATER NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CARLSBAD MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
- DRINKING WATER FOUNTAINS AND DESIGNATED OUTDOOR EATING AREAS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST OR MISTING.
- BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUN-OFF, OVER-SPRAY, AND MISTING.
- HOSE BIBS ARE STRICTLY PROHIBITED.
- CROSS—CONNECTIONS BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.
- NO SUBSTITUTION OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE CITY OF CARLSBAD MUNICIPAL WATER DISTRICT.
- ALL MAINLINE PIPES SHALL HAVE WARNING TAPE PER CARLSBAD MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
- HOURS FOR IRRIGATION WITH RECYCLED WATER ARE FROM 10:00 PM. TO 6:00 AM. THE HOURS FOR IRRIGATION WITH DISMFECTED TERTIARY RECYCLED WATER MAY BE MODIFIED BY THE LOCAL AUTHORITY. RRIGATION DURING PUBLIC USE PERIODS WITH DISMFECTED TERTIARY RECYCLED WATER SYALL BE UNDER THE SUPERVISION OF THE DESIGNATED USER SUPERVISION, RRIGATION WITH WATER OF A LESSER OUALITY THAN DISMFECTED USER SUPERVISION WITH WATER OF A LESSER OUALITY THAN DISMFECTED THE THE HOURS OF 10:00 P.M. TO 6:00 A.M.

RULES AND REGULATIONS.

- NON-DESIGNATED USE AREAS SHALL BE PROTECTED FROM CONTACT WITH RECYCLED WATER, WHETHER BY WIND BLOWN SPRAY OR BY DIRECT APPLICATION THROUGH HRRIGATION OF OTHER USE. LACK OF PROTECTION, WHETHER BY DESIGN, CONSTRUCTION PRACTICE OR SYSTEM OPERATION IS STRICTLY PROHIBITED.
- IRRIGATION HEADS SHALL BE RELOCATED OR ADJUSTED TO MINIMIZE OR ELIMINATE OVER-SPRAYING ON SIDEMALKS, STREETS AND NON-DESIGNATED USE AREAS.
- RECYCLED MATER QUICK COUPLING VALVES SHALL BE OF A TIPE DESIGNED FOR THE USE ON RECYCLED MATER DISTRIBUTION SYSTEMS PER CARLSBAD MUNICIPAL WATER DISTRICTS RULES AND REGULATIONS. ON RECYCLED WATER SYSTEMS, ALL APPURTEMANCES (SPRINKLER HEADS, VALVE BOXES, ETC.) SYALL BE COLOR-CODED PURPLE PER AWMA GUIDELINES AND SECTION 118815 OF THE CALIFORNIA HEALTH AND SAFETY CODE.
- ALL IRRIGATION PIPE SHALL BE STENCILED WITH WARNING, "NON-POTABLE OR RECYCLED WATER", COLOR-CODED (PURPLE) AND LAID WITH WARNING TAPE AND STENCILING ORIENTED TOWARD THE TOP OF THE TRENCH PER THE CARLSBAD MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
- ON NEW ON-SITE SYSTEMS (POST-METER), POTABLE WATER, CONSTANT PRESSURE RECYCLED WATER AND SEMER LINES SHOULD BE PLACED A MINIMUM OF FOUR FEET APART OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR REGULATORY AGENCY MEASUREMENTS SHALL BE BETWEEN FACING SURFACES, NOT PIPE CENTERLINES. ONSTANT PRESSURE RECYCLED MATER UNES SHALL CROSS AT LEAST THELVE NICHES BELOW POTABLE WATER LINES AND MAINTAIN AT LEAST THELVE NICHES CROSSING SEPARATION BETHEEN OTHER UTILITIES.
- F A CONSTANT PRESSURE RECYCLED WATER LINE MUST BE INSTALLED ABOVE A POTABLE WATER LINE OR LESS THAN THELLY INCHES BELOW A POTABLE WATER LINE, THEN THE RECYCLED WATER LINE SHALL BE INSTALLED WITHIN AN APPROVED PROTECTIVE SLEEVE AS PER THE CARLSBAD MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
- THE REQUIRED CROSS-CONNECTION SHUTDOWN TEST SHALL BE DONE BY THE CARLSBAD MUNICIPAL WATER DISTRICT AND THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH.
- THE REQUIRED CROSS-CONNECTION INSPECTION SHALL BE DONE BY EITHER THE CARLSBAD MUNICIPAL WATER DISTRICT AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, COPIES OF INSPECTION REPORTS WILL BE FORWARDED TO THE NON-INSPECTING PARTY.
- 20. THE DESIGN AND LOCATIONS PROPOSED FOR RECYCLED WATER "DO NOT DRINK" SIGN SHALL BE CALLED OUT ON THE PLANS.
- 21. WHEN RECYCLED WATER BECOMES AVAILABLE, AN ON-SITE USER SUPERVISOR SHALL BE ESSIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH FUNBRING STREAM WITHIN THE PROPERTY, WITH THE BASIC CONCEPTS OF BACKFLOW/CROSS-CONNECTION WITH PROPERTION, THE RECYCLED PUREYOR'S RULES AND REGULATIONS AND THE SPECIFIC REQUIREMENTS OF A RECYCLED WATER SYSTEM. COPIES OF THE DESIGNATION, WITH CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE CARLSBAD MUNICIPAL WATER CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE CARLSBAD MUNICIPAL WATER CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE CARLSBAD MUNICIPAL WATER CONTACT.
- IN CASE OF EMERGENCY CONTACT
- ALL PUBLIC AND PRIVATE POTABLE WATER MAINS NOLUDING FIRE MAINS AND ANY WATER MELLS AND MATER COURSES WITHIN THE RECYCLED WATER PROJECT SHALL BE SHOWN ON THE PLANS. OR AFTER HOURS CONTACT
- CALL OUT ON THE PLANS IF THERE ARE OR ARE NOT DRINKING FOUNTAINS AND/OR DESIGNATED OUTDOOR EATING AREAS ON THE SITE.
- A PHYSICAL SEPARATION SHALL BE PROVIDED BETWEEN ADJACENT AREAS IRRIGATED WITH RECYCLED MATER AND POTABLE MATER, SEPARATION SHALL BE PROVIDED BY DISTANCE, CONCRETE MOW STRIPS OR OTHER APPROVED METHODS.

FIRM NAME & ADDRESS:

ALL IRRIGATION BACKFLOW PREVENTERS SHALL BE TESTED BY A CERTIFIED TESTER AND RESULTS MUST BE GYEN TO THE CITY AND THE CARLSBAD MUNICIPAL WATER DISTRICT. DIFFE BETWEIN THE METER AND BACKFLOW PREVENTER SHALL BE "SCHEDULE K HARD COPPER". APPROVED CONTRACT BACKFLOW TESTERS CAN BE FOUND ON THE CITY WEB SITE AT http://www.carlsbadca.gov/services/departments/water/Documents/services/departments/water/Documents/services/departments/water/Documents/services/departments/water/Documents/services/

PHONE NO: (____

18" X 18" SIZE .032 ALUMINUM, .060 ABS PLASTIC OR STICK-ON VINYL SIGNS

RECYCLED WATER WARNING RECYCLED WATER DO NOT DRINK



DIAL TOLL FREE
-800 - 422 - 4133
AT LEAST TWO DAYS
BEFORE YOU DIG

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF CARLSBAD AND SAN DIEGO COUNTY DEPARTMENT OF HEALTH SERVICES IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ________OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN. ECLARATION OF RESPONSIBLE CHARGE:

RECYCLED WATER SYSTEM PRIVATE

HEET TITLE GEND & NOTES
ON PLANS
ON DETAILS SHEET NUMBER

SIGNAGE NOTES

THE FOLLOWING GUIDELINES FOR THE USE OF RECYCLED WATER ARE TO BE PERMANENTLY POSTED INSIDE THE DOOR OF EACH CONTROLLER WHERE THEY ARE EASILY VISIBLE. PLACE ON $8-1/2^{\circ}$ X 11° SIZED SIGN.

PROJECT

ADDRESS

SHOW ON MAP:

PROJECT MAP

STREETS & STREET NAMES, SHEET & SHEET NUMBERS, DIRELLING UNDERWINNING FOUNTAINS, LIMIT LINE OF RECYCLED WATER USE, RECYCLE POTABLE MAIN LINE, GATE VALUES, RECYCLED & POTABLE MITTERS, & RECREATIONAL RAFEAS, SOEN SAFEA, SHEARS, ORTH ARROW, SOEN, AREAS, ORTH ARROW, SOEN, SHEARS, ORTH LINES, SOLLE, ASSESSOES PARCEL IN NOEY, OF SHEETS, MESERVANCE, SHOW POINTS OF CONNECTION AND LOCATION OF "DO NOT DRINK" SIGNS.

LAKES E OF UMBER,

EGARDING THE FOLLOWING

L BE LAND

YOUR YOUR

NDABLE CD XLY LIMITS.

COLOR: PURPLE BACKGROUND WITH BLACK LETTERING.

- GUIDELINES FOR RECYCLED WATER USE
- IRRIGATE BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M. ONLY. WATERING OUTSIDE THIS TIME FRAME MUST BE DONE MANUALLY WITH QUALIFIED SUPERVISORY PERSONNEL ON-SITE. NO SYSTEM SHALL AT ANY TIME BE LEFT UNATTENDED DURING USE OUTSIDE THE NORMAL SCHEDULE.
- RRIGATE IN A MANNER THAT WILL MINIMIZE RUN-OFF, POOLING, AND PONDING. THE APPLICATION RATE CHALL NOT EXCEED THE INFILITATION RATE OF THE SOIL. THE APPLICATION RATE OF THE SOIL THERE WITH THE LOWEST SOIL INFILITATION RATE PRESENT. THIS PROCEDURE MAY BE FACULTATED BY THE EFFICIENT SCHEDULING OF THE AUTOMATIC CONTROL CLOCKS, (I.E., EMPLOYING THE REPEAT FUNCTION TO BREAK UP THE TOTAL RRIGATION TIME INTO CYCLES THAT WILL PROMOTE MAXIMUM SOIL ABSORPTION).
- ADJUST SPRAY HEADS TO ELIMINATE OVERSPRAY ONTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE, POOL DECKS, PRIVATE PATIOS AND LOTS, AND STREETS AND SIDEMALKS.
- MONITOR AND MANTAIN THE SYSTEM TO MINIMIZE EQUIPMENT AND MATERIAL FAILURE. BROKEN SPRINKLER HEADS, LEAKS, UNRELIABLE VALVES, ETC., SHOULD BE REPAIRED AS SOON AS THEY BECOME APPARENT.

LEGEND

IMPROVEMENT PLANS INCLUDE:

- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR EDUCATING EACH EMPLOYEE AND ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS, REGARDING THE PRESENCE OF RECYCLED WATER, MAINTENANCE PERSONNEL MUST BE INFORMED THAT WATER IS FOR IRRIGATION PURPOSES ONLY AND IS NOT APPROVED FOR DRINKING OR FOR HAND AND TOOL WASHING, ETC.
- DBTAIN PRIOR APPROVAL OF ALL PROPOSED CHANGES AND MODIFICATIONS TO ANY PRIVATE ON-SITE FACULTIES, SUCH CHANGES MUST BE SUBMITED TO, AND APPROVED BY, THE DISTRICT ENGINEERING OFFICE AND DESIGNED IN ACCORDANCE MITH DISTRICT STANDARDS.

- RECYCLED WATER - PRESSURE SUPPLY LINE - FIRE SERVICE LINE

BACKFLOW PREVENTION DEVICE INSTALL PER CMWD

RECYCLED WATER METER POTABLE WATER METER

POTABLE WATER LINE

WALK RECTION F FLOOD AND

MESTIC UM

RECYCLED WATER LINE

DO NOT DRINK SIGN

RECYCLED WATER USE

- ALL RECYCLED WATER SPRINKLER CONTROL VALVES SHALL BE TAGGED A. TAGS SHALL BE WEATHERDERON TO THE TAGGED A. TAGGED A.
- A. TAGS SHALL BE MEATHERPROOF PLASTIC, 3"x 4", PURPLE IN COLOR, WITH THE WORDS "MARING RECYCLED MATER DO NOT DRINK" IMPRINTED ON ONE BUE, AND "AVISO ACIA IMPURA— NO TOMAR" IMPRINTED ON THE BUE, AND "AVISO ACIA IMPURA— NO TOMAR" IMPRINTED BY T. CHRISTY AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL.

 B. ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:

 1. ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE—WRAP_OR OR ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE—WRAP_OR OR ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE—WRAP_OR OR OR ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE—WRAP_OR OR OR ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE—WRAP_OR OR OR OR OTHER PLASTIC TIE—WRAP_OR OTHER PLASTIC TIE—WRAP_OTHER PLASTIC TIE—WRAP_OR OTHER PLASTIC TIE—WRAP_OR OTHER PLASTIC TIE—WRAP_OR OTHER PLASTIC TIE—WRAP_OR OTHER PLASTIC TIE—WRAP_OR
- ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP
- ALL SPRINKLER H SPRINKLER HEADS. ATTACH TO VALVE COVER WITH EXISTING VALVE COVER BOLT. HEADS SHALL BE IDENTIFIED AS RECYCLED WATER
- EACH AUTOMATIC CONTROLLER AND ITS ASSOCIATED EQUIPMENT SHALL BE IDENTRIED MITH A SIGN BEARING THE WORDS "RECYCLED MATER USED FOR IRRIGATION." IN ENGLISH AND SPANISH, MITH BALCK LETTERS 1" HIGH ON A PURPLE BACKROUND. THE SIGN SHALL BE PLACED SO THAT IT CAN BE READILY SEEN BY ANY OPERATIONS PERSONNEL UTILIZING THE EQUIPMENT.

WATER EFFICIENT LANDSCAPE DECLARATION:

1 AM FAMILIAR WITH THE REQUIREMENTS FOR LANDSCAPE AND IRRIGATION PLANS CONTAINED IN THE CITY OF CARLISAO'S LANDSCAPE MANUAL & WATER EFFICIENT LANDSCAPE REGULATIONS. 1 HAVE PREPARED THIS PLAN IN COMPLIANCE WITH THOSE REGULATIONS AND THE LANDSCAPE MANUAL 1 CERTIFY THAT THE PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF WATER.

PHONE NO: (____)
REGISTRATION NO: __ EXPIRATION DATE:

INSPECTION PROCEDURES

- DISTRICT CONSTRUCTION INSPECTION SHALL INCLUDE:

 A. REQUIRED SEPARATION BETWEEN POTABLE AND RECYCLED WATER
 LINES (PORTZONTALLY AND VERTICALLY).

 B. PIPE IDENTIFICATION.
 C. SLEEVING AT CROSSINGS.
 D. APPROPRIATE MATERIALS AND MARKINGS, INCLUDING PROPER QUICK
 COUPLERS.
- AN APPROVAL LETTER RECARDING THE INSPECTION OF THE PROJECT SHALL BE OBTAINED FROM THE CITY AND THE DISTRICT, AND BE FORMARDED TO THE COUNTY HEALTH DEPARTMENT PRIOR TO FINAL INSPECTION APPROVAL.

CONT OF VISTA

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

CITY OF SAN MARCOS

GLENN LEEKS
ENVIRONMENTAL HEALTH SPECIALIST

PATE

AS

BUILT"

DATE

SCALE TO

APPROVED FOR IRRIGATION AND PLANTING ONLY, INCLUDING PRECISE LOCATION OF PLANTING AREA

- DISTRICT FINAL INSPECTION SHALL INCLUDE:

 A. SIGNAGE INSTALLED PER PLAN.

 B. CONTROLLER STICKERS.

 C. TAGGING OF VALUES.

 D. COVERAGE TEST AFTER COMPLETION OF THE SPRINKLER SYSTEM TO ENSURE PROTECTION OF AREA NOT APPROVED FOR RECYCLED WATER

PACIFIC OCEAN

REVIEWED BY:

CARLSBAD MUNICIPAL WATER DISTRICT

DATE

CITY OF CARLSBAD

CITY OF ENCINITAS

- ALL ASPECTS OF THE IRRIGATION CONDITIONS INCLUDING WINDBLOWN SPRAY, RUNOFF, AND PONDING.
 SPRAY, RUNOFF, AND PONDING.
 REQUIRED PROTECTION OF ALL RESIDENTIAL AREAS.
 REQUIRED PROTECTION OF WELLS, STREAMS, RESERVOIRS, ETC.
 CROSS-CONNECTION ITSET IF REQUIRED.
 COLOR CODED, LAMINATED CHARTS INSIDE EACH CONTROLLER.
- ANNUAL INSPECTION SHALL INCLUDE:
 A COMPLETE INSPECTION THAT WILL COVER A-I OF INSPECTION.

DEVELOPERS NAME: ADDRESS:	WATER DISTRICT	CARLSBAD MUNICIPAL WATER DISTRICT
CITY ENGINEER AND DISTRICT ENGINEER PRIOR TO IMPLEMENTATION IN FIELD.	IMPLEX	OUTHERN CALIFORNIA
REVISIONS MUST BE APPROVED BY PUBLIC HEALTH ENG	REVISI	BEFORE YOU DIG

VICINITY MAP

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ONSITE) RECYCLED STEM FOR: PROJECT NO.

DATE DRAWING N

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WILLIAM E. PLUMMER
DEPUTY CITY ENGINEER R.C.E.28176 EXP.XX/XX/XX

DATE PLAN PREPARED: BY:

TELEPHONE:

DRAWING FILES\TITLE SHEETS\RECYCLED WATER TITLE SHEET.DWG

TYPICAL SIGNS

1" BLACK LETTERS

12" X 36" SIZE
.032 ALUMINUM, .060 ABS PLASTIC
OR STICK-ON VINYL SIGNS